Introduction to Course

Breadth First Learning

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Breadth First Learning

- ✓ Covering abstract view of all major courses in CS
- ✓ Understanding what will be studied in CS
- ✓ Why each course is important
- ✓ Clarifying the bigger Picture

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Introduction to Course

Topics:
- ✓ Search Engine Usage Techniques
- ✓ History of Computing
- ✓ Data Storage
- ✓ Data Manipulation
- ✓ Operating System
- ✓ Networking and the Internet

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Introduction to Course

Topics:
- ✓ Algorithms
- ✓ Programming Languages
- ✓ Scratch Tool
- ✓ Software Engineering
- ✓ Data Abstraction
- ✓ Database Systems
- ✓ Artificial Intelligence

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Introduction to Course

Topics:

- ✓ CS impact on society
- ✓ Content Filtering, Spam, International laws
- ✓ Word Processing
- ✓ Presentations Development
- ✓ Spreadsheet

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Introduction to Course

Topics:

- ✓ Spreadsheet
- ✓ Database MS Access
- ✓ Web Page Development

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Summary

- ✓ Breadth First Learning
- ✓ Introduction to courses covered in CS
- ✓ What are the aims of each course
- ✓ What are the main topics in each course
- ✓ Which strengths each course builds in students
- ✓ What are possible paths of career in CS

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